GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1339
ANSWERED ON:09.02.2017
Smart Grid Projects in Cities
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Will the Minister of POWER be pleased to state:

(a) whether the Government has established/proposes to establish smart grid projects in various cities under National Smart Grid Mission and if so, the details thereof;

(b) whether any cities have been selected for the purpose and if so, the details thereof, State-wise;

(c) whether the Government has put in any mechanism for planning and monitoring of Smart Grid Mission being implemented in the country and if so, the details thereof; and

(d) whether the smart grid projects would reduce power bills and if so, the details thereof?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : Yes, Madam, "National Smart Grid Mission" (NSGM) has been launched by Government of India in March, 2015. So far, Smart Grid Projects for 4 cities have been sanctioned under NSGM as per details given below:

Sr. No. State/City Estimated project cost
(Rs. in crore)
1. Amravati, Maharashtra 90.05
2. Congress Nagar (Nagpur), Maharashtra 139.15
3 Chandigarh 28.58
4. Kanpur, Uttar Pradesh 319.57

(c) : Ministry of Power (MoP) has established NSGM to plan and monitor the Smart Grid projects being implemented in the country. The NSGM Technical Committee and Empowered Committee review the Smart Grid projects. Further, reviews of Smart Grid projects are also conducted in the MoP.

(d) : Smart Grids primarily aim to improve reliability of the Electricity networks, and makes the grid amenable to renewable energy inputs through distributed generation. Further, increased efficiencies with a Smart Grid and Smart meters would empower the consumers to manage their electricity consumption in a better manner, which may lead to reduction of power bills.

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